



FACILITY COMPLIANCE AUDIT REPORT

Division of Waste Management

Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compos t		SLAS	
Closed MSWLF		HHW		White goods		Inciner		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill	X	DEMO		SDTF	

COUNTY: Catawba
PERMIT NO.: 18-09
FILE TYPE: COMPLIANCE

Date of Audit: April 1, 2011

Date of Last Audit: April 29, 2010

FACILITY NAME AND ADDRESS:

Duke Energy - Marshall Steam Station FGD Residual Landfill
8320 East NC Highway 150
Terrell, North Carolina 28682

GPS COORDINATES: N: 35.60463 W: 80.9774

FACILITY CONTACT NAME AND PHONE NUMBER:

Donna Burrell, Environmental Coordinator (828) 478-7820
donna.burrell@duke-energy.com

FACILITY CONTACT ADDRESS:

Same

AUDIT PARTICIPANTS:

Donna Burrell, Duke Power- Environmental Coordinator
Carlton Allred, Duke Power-Materials Coordinator
Jason Mayhew, Southland Excavating
Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:

A Permit to Operate the Marshall Steam Station Flue Gas Desulfurization (FGD) Residual Landfill Phase 1, Cell 1 was issued on November 21, 2006 and is subject to review on November 21, 2011.

Duke Power was granted approval to dispose of asbestos and construction and demolition waste within the permitted facility by letter dated July 6, 2007 from Edward F. Mussler, III, Permitting Branch Supervisor.

Duke Power was granted approval to dispose of mill rejects within the permitted facility by letter dated July 22, 2008 from Larry Frost, Regional Engineer.

PURPOSE OF AUDIT:

Comprehensive

NOTICE OF VIOLATION(S):

None

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. For the violation(s) noted here, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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STATUS OF PAST NOTED VIOLATIONS:

N/A

AREAS OF CONCERN AND COMMENTS:

1. The permit and operations plans were reviewed. These documents were current and available for review.
2. Groundwater monitoring is being performed semi-annually as required.
3. Hydrogen sulfide (H₂S) sampling is being performed semi-annually as required. No hydrogen sulfide has been detected.
4. The landfill is protected by fencing, wooden buffers, and security check stations.
5. A sign has been placed at the entrance to the facility with the permit number and statement that no hazardous or liquid waste is permitted per the approved operations plan.
6. Dust was well controlled at the time of inspection.
7. It appeared that asbestos was being placed into the proper designated are shown on the approved operations plan at the time of inspection. All waste was covered with soil.
8. Edge of waste markers were in place at the time of inspection.
9. Good vegetation was observed on the perimeter berm of the facility, and it was well mowed.
10. No unacceptable waste streams were observed.
11. The sediment basin located on the south side of the landfill was in good operational condition at the time of inspection.
12. Eastern portion of the landfill had reached the first 10-foot vertical lift and had been covered with soil as outlined in the approved Operations and Maintenance Plan.
13. All access roads were well maintained.

Please contact me if you have any questions or concerns regarding this audit report.


Charles T. Gerstell
Environmental Senior Specialist
Regional Representative

Phone: (704) 235-2144

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Cc: Deborah Aja, Western District Supervisor
Ed Sullivan (ed.sullivan@duke-energy.com)
Carlton Allred (jcallred@duke-energy.com)